



## **Energy from Air The Maisotsenko Cycle**

**Valeriy Maisotsenko**

Today's combined-cycle power plants are attaining efficiencies near 50%. But a new technology promises levels of up to 60%. The Maisotsenko cycle—which seems to defy the second law of thermodynamics—uses souped-up cooling and captures significant amounts of energy from the atmosphere. The result is higher efficiency and lower emissions.

A high degree of thermodynamic perfection of the M-Cycle allows atmospheric air to be cooled (without humidification) to the dew point temperature, and it increases psychrometric temperature difference and, consequently, energy resource of the atmospheric air. The *Coolerado Cooler* is now available commercial applications which offers up to an 80% reduction of power for air conditioning of homes, commercial, and industrial buildings. It falls into a new category of an “ultra” class cooler because of its extreme energy efficiency and ability to cool air below the wet bulb temperatures without a compressor and or using CFCs!

This is only the first of many practical applications that the M-Cycle can be applied towards in reducing energy consumption by increasing thermal transfer efficiencies. The proven M-Cycle relies on atmospheric air as its renewable clean energy source. The M-Cycle's unique properties makes it the ideal candidate for advanced energy efficient vehicles and fuel cells, power plant systems and micro scale power plants and other energy technologies.

## **The Moe-Joe Cell Spherical Prototype of the Joe Cell**

**Moshe Daniel, ND**

Join Moshe Daniel, ND, designer and inventor of the Moe-Joe cell, as he discusses the Joe cell technology, its brief history and its various applications in empowering combustion engines. Discover how the uniquely designed spherical cell he has developed has already proven itself to be superior in many ways in comparison to the standard cylindrical Joe cell and how it represents the simple, logical and intuitive evolution of the Joe cell technology.

Also shared in this talk will be a philosophical examination of the creation of scalar waves, radiant energy, and other forms of interacting fields of energy that the Moe-Joe cell generates, and the applications for healing, prayer and intention magnification, and the



Assembly of the Moe-Joe Cell Spherical Prototype of the Joe Cell

evolution towards a more unified, balanced consciousness that the spherical cell offers.

He will also present the integration of a “special” power supply that is being developed to further improve the process of charging the water used to empower the combustion engine and for healing, and its other amazing implications and applications.

A live demonstration of the Moe-Joe cell integrated with an engine (a practical application to resolving today's energy crisis) will be shown during this presentation.



Fresnel lens melts brick.

## **Developments in Solar Energy**

**Sir Charles Shults**

A popular concept is that of using the Sun for power. Many simple systems can be solar powered, and some can be made from scrap or surplus materials. Of course, it all depends on when and where you need the energy.

Solar cell panels (photovoltaic panels) convert sunlight directly into electrical power. This is very handy because electricity can easily be converted into many forms. Electrical power is arguably the most flexible power source since it can operate virtually any type of device, from radio equipment to water pumps, battery chargers to air conditioning. The problem with solar cells is that their efficiency is not very good and they have a limited life span. If you need power at night, you must rely on charging batteries from the cells or some other type of storage technology.

Some applications for solar power demand raw heat in quantity. The trick

is to collect and concentrate the power so that it reaches useful energy levels. Sunlight can easily make any metal surface too hot to touch, but it is one thing to feel how hot something can get, and another thing entirely to apply that power in a useful manner.

New technologies and applications of revised, mature technologies will lead to production of clean solar energy on a massive scale. Applications will range from use in the home to space travel. This is a look at some of the emerging solar technologies including photovoltaic as well as thermal and how they will dramatically affect our energy future.